UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

08840

7590

07/19/2006

INTELLECTUAL PROPERTY
ALCOA TECHNICAL CENTER, BUILDING C
100 TECHNICAL DRIVE
ALCOA CENTER, PA 15069-0001

EXA	EXAMINER MITCHELL, KATHERINE W			
MITCHELL,	KATHERINE W			
ART UNIT	PAPER NUMBER			
3677				

DATE MAILED: 07/19/2006

	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
,	10/753,000	01/05/2004	Thomas E. Harbin	02-0611	6475

TITLE OF INVENTION: SWAGE TYPE FASTENER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	10/19/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 or Fax (571)-273-2885

appropriate All further	correspondence including d below or directed oth	ng the Patent advance o	rders and notification o a) specifying a new cor	maintenance fees w respondence address;	red). Blocks 1 through 5 sl vill be mailed to the current and/or (b) indicating a sepa	correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDE	ENCE ADDRESS (Note: Use Bl	ock 1 for any change of address)	F p	ee(s) Transmittal. Thi pers. Each additiona	mailing can only be used fo s certificate cannot be used f l paper, such as an assignme of mailing or transmission.	or any other accompanying
ALCOA TECHN 100 TECHNICA	AL PROPERTY NICAL CENTER, E L DRIVE	⁷²⁰⁰⁶ BUILDING C		Cer	tificate of Mailing or Transis is Fee(s) Transmittal is being with sufficient postage for first Stop ISSUE FEE address FO (571) 273-2885, on the d	mission deposited with the United t class mail in an envelope above, or being facsimile ate indicated below.
ALCOA CENTE	ER, PA 15069-0001					(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO)R	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/753,000	01/05/2004	<u>-</u>	Thomas E. Harbin		02-0611	6475
TITLE OF INVENTION:	···					
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DU			DATE DUE
nonprovisional	NO	\$1400	\$300	so	\$1700	10/19/2006
EXAMI	INER	ART UNIT	CLASS-SUBCLASS			
MITCHELL, KA	ATHERINE W	3677	411-361000			
Address form PTO/SB "Fee Address" indi PTO/SB/47; Rev 03-0: Number is required. 3. ASSIGNEE NAME AT PLEASE NOTE: Union	ondence address (or Cha 1/122) attached. cation (or "Fee Address' 2 or more recent) attach ND RESIDENCE DATA ess an assignee is identing 37 CFR 3.11. Comp	nge of Correspondence Indication form led. Use of a Customer	(1) the names of up or agents OR, alternated (2) the name of a single registered attorney of 2 registered patent a listed, no name will the PATENT (print or data will appear on the	gle firm (having as a r agent) and the nam torneys or agents. If pe printed. type) patent. If an assign assignment.	member a 2es of up to no name is 3ee is identified below, the de	ocument has been filed for
Please check the appropri	ate assignee category or	categories (will not be p	rinted on the patent):	☐ Individual ☐ Co	orporation or other private gro	oup entity Government
	ore submitted: o small entity discount p	permitted)	☐ A check is enclosed☐ Payment by credit of	l. ard. Form PTO-2038	is attached. ge the required fee(s), any de	·
	SMALL ENTITY statu	is. See 37 CFR 1.27.	☐ b. Applicant is no l	onger claiming SMAI	LL ENTITY status. See 37 Cl	FR 1.27(g)(2).
NOTE: The Issue Fee and interest as shown by the r	I Publication Fee (if requeecords of the United Sta	uired) will not be accepte tes Patent and Trademark	d from anyone other that Office.	n the applicant; a regi	stered attorney or agent; or th	e assignee or other party in
Authorized Signature				Date		
		· · · · · · · · · · · · · · · · · · ·		-	lo	
This collection of informa an application. Confident submitting the completed this form and/or suggestion Box 1450, Alexandria, Vi	ation is required by 37 C iality is governed by 35 application form to the ons for reducing this builtinginia 22313-1450. DC	CFR 1.311. The informati U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the ONOT SEND FEES OR	on is required to obtain of 1.14. This collection is depending upon the interpretation of the Chief Information Off COMPLETED FORMS	r retain a benefit by t estimated to take 12 r lividual case. Any co icer, U.S. Patent and TO THIS ADDRESS	he public which is to file (and minutes to complete, includir imments on the amount of tir Trademark Office, U.S. Depo S. SEND TO: Commissioner	by the USPTO to process) g gathering, preparing, and ne you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,

Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/753,000 01/05/2004		Thomas E. Harbin	02-0611	6475
08840	7590 07/19/2006	EXAMINER		
INTELLECTU	AL PROPERTY	MITCHELL, KATHERINE W		
	NICAL CENTER, BUILI	ART UNIT	PAPER NUMBER	
100 TECHNICA ALCOA CENTE	L DRIVE ER, PA 15069-0001		3677 DATE MAILED: 07/19/200	6

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 60 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 60 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.